

Publication

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Application

EP 95903147 A 19941121

Priority

- US 9413511 W 19941121
- US 16325593 A 19931207

Abstract (en)

[origin: WO9516289A1] An adapter and control card system for a digital computer is provided for coupling the digital computer to a selectable choice of communication media. The system includes a general-application host card (42) removably insertable into the digital computer, and a communications-medium-specific adapter card (44) removably insertable into the host card, the host card having a cutout conforming to side and end boundaries of said adapter card, the adapter card fitting within the cutout along a substantially common plane in order to minimize surface height of the adapter card and the host card. Mating connectors (46, 80), particularly between the adapter card and the host card, form transmission lines taking full advantage of ground pins adjacent to signal-carrying differential pairs shielding the signals with a controlled characteristic impedance. In a specific embodiment, the support structure (50) for the connectors also forms the mechanical support for the adapter card and the host card.

IPC 1-7

H01R 9/09

IPC 8 full level

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H01R 31/06 (2013.01 - EP US); **H05K 7/1461** (2013.01 - EP US); **H01R 2201/04** (2013.01 - EP US)

Citation (search report)

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- [Y] "LOCAL AREA NETWORK ADAPTER", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 31, no. 2, July 1988 (1988-07-01), NEW YORK US, pages 372 - 376, XP002010415
- [A] "HOST/GUEST CONNECTOR CARDS FOR PERSONAL COMPUTERS", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 35, no. 5, 1 October 1992 (1992-10-01), pages 13 - 14, XP000312866
- See references of WO 9516289A1

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